

Nonpoint Source Management from the Watershed Perspective

WORKSHOP AGENDA

Day 1 (*Optional half-day*)

Overview of the 319 Program/Treatment as State Process

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| 1:00–1:30 | Introductions/Welcome to Tribes
<i>(Jenny Wu, EPA Region 10)</i> |
| 1:30–2:30 | Introduction to the Section 319 Program
<i>(Ansu John, Tetra Tech Inc.)</i> |
| 2:30–2:50 | TAS Applications
<i>(Alan Moomaw, EPA R10)</i> |
| 2:50 -3:00 | Break |
| 3:00- 4:00 | Creating a Nonpoint Source (NPS) Assessment Report
<i>(Ansu John, Tetra Tech Inc.)</i> |
| 4:00–4:45 | Creating a Management Plan
<i>(Ansu John, Tetra Tech Inc)</i> |
| 4:45–5:30 | Examples of Assessments and Management Plans
<i>(Jenny Wu, EPA Region 10/ Ansu John, Tetra Tech, Inc.)</i> |

Day 2

An Overview of Watershed Planning

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|-----------|--|
| 8:00–8:30 | Registration <i>(All Tribes)</i> |
| 8:30–8:45 | Tribal Welcome and Blessing <i>(potentially Nisqually Indian Tribe)</i> |

8:45–9:15

Opening Remarks/Purpose of the Workshop

- Overview of CWA Programs: Section 319 and Section 106
- The Significance of Watershed Planning:
 - Strategic Water Quality Planning
 - Folding Various Programs and Activities into a Coherent Watershed Strategy
- CWA Programs in the Context of National Reporting
(*Christine Psyk, Associate Director, R10 Office of Water and Watersheds*)

9:15–10:15

Discussion of Watershed Goals

- What Are Your Water Quality Goals? (Current Conditions vs. Desired Conditions)
- What Are Measurable Goals? (Tribal Water Quality Standards/Other Measures)
- Types of Goals:
 - Water Quality
 - Environmental
 - Resource/Economics
- Outreach:
Stakeholders: Involvement and Participation
(*Barry Tanning, Tetra Tech, Inc.*)

10:15–10:30

Break

10:30–11:30

Tribes' NPS and Watershed Issues: Setting the Stage/Identifying Priority Watersheds

- Facilitated Discussion on Key Watershed/NPS Issues:
 - Water Quality Impairments
 - Key Water Quality Stressors
- (*Barry Tanning, Tetra Tech, Inc. Work with tribes' own identified sub-watersheds*)

11:30–12:00

Management Approaches to NPS Problems

- Stressors/Problems
 - Management Measures/BMPs/ Solutions
 - Measuring Progress with BMPs
- (*Barry Tanning, Tetra Tech, Inc.*)

12:00–1:00

Lunch (on your own)

1:00–2:00

Introduction to Watershed Plans

- Purpose/Review of Required Elements
- How Watershed Plans Fit into Tribal Strategic Planning

- Incorporating NPS Assessments and NPS Management Plans into a Watershed Plan
- Incorporating Monitoring and Section 106 Activities into a Watershed Plan

(Barry Tinning, Tetra Tech, Inc.)

2:00–3:00

Watershed Restoration: Integrating Monitoring and Implementation.

(Todd Thorn, Colville Confederated Tribes)

3:00–3:15

Break

3:15–4:15

Stepping Through a Watershed Plan–Small-Group Exercise

- Tribes Review and Critique a Watershed Plan

(Barry Tinning, Tetra Tech, Inc.)

4:15–5:00

Region 10 Tribal Panel Discussion–Watershed Success Stories

- Spokane Tribe of Indians *(Brian Crossley)*
- Upper Skagit Indian Tribe *(Todd Woodard)*

5:00–5:15

Wrap-up and Q/A

Day 3

Nonpoint Source–Technical Issues

8:30–9:15

Approaches to Managing Sediment Problems

- Measuring Sediment Runoff to Waterbodies
- Tools to Estimate Sediment Runoff
- Spreadsheet Analysis/Evaluation of Modeling Options
- Matching Appropriate BMPs with Sediment Problems
- Capturing Improvements through BMP Usage

(Tetra Tech Inc.)

9:15–10:00

Tribal Examples in Dealing with Sediment Problems

- Nez Perce Tribe of Idaho *(Ben Holcomb)*
- Confederated Tribes and Bands of Yakama Nation *(James Thomas)*

10:00–10:45

Approaches to Managing Temperature Problems

- Overview of Temperature Impacts in Waterbodies
- Monitoring and Assessing Temperature-Related Problems Evident in Water Quality Data

- BMPs to Reduce Temperature Problems
 - Capturing Improvements to Water through BMP Usage
- (Peter Leinenbach, EPA Region 10)*

10:45–11:00

Break

11:00–11:30

Tribal Example in Addressing Temperature Impairments
(Jim Webster, Umatilla Confederated Tribes)

11:30–12:30

From Water Quality Data/Information to Implementing Management Actions

- Flow Data Combined with Nutrient Data
- Flow Data Combined with Bacteria Data
- Flow Duration Curves

(Bruce Cleland, EPA Region 10)

12:30–1:30

Lunch

1:30–2:30

Using Water Quality Data to Guide Implementation
(Bruce Cleland, EPA Region 10)

Overview of Watershed Plans and Implementation Funding

2:30–3:00

319 Guidelines/Base Funding/Funding Options
(Krista Mendelman, EPA Region 10)

3:00–3:15

Break

3:15–4:15

Thinking Beyond 319 Funding/Collaborative Funding
(Lyn Muench, Jamestown S’Klallam Tribe)

4:15–4:45

Putting It All Together

- Interactive Session to Identify the Next Steps Tribes Will Take when They Leave the Workshop
- Identify What Has Been Most Useful, What Should Be Done Differently, and Recommendations for Future Workshops
- Opportunity to Fill Out Workshop Evaluation Forms

(EPA Region 10/Tetra Tech, Inc.)

4:45–5:00

Closing and Adjourn